# Rajalakshmi Engineering College

Name: HARI PRASATH PALANIMURUGAN
Email: 241801080@rajalakshmi.edu.in
Roll no: 241801080
Phone: 8072956499
Branch: REC
Department: l AI & DS FB
Batch: 2028
Degree: B.E - AI & DS

## NeoColab_REC_CS23231_DATA STRUCTURES

## REC_DS using C_Week 5_COD_Question 5

Attempt : 1
Total Mark : 10
Marks Obtained : 0

## Section 1 : Coding

1.  Problem Statement

In his computer science class, John is learning about Binary Search Trees (BST). He wants to build a BST and find the maximum value in the tree.

Help him by writing a program to insert nodes into a BST and find the maximum value in the tree.

*Input Format*

The first line of input consists of an integer N, representing the number of nodes in the BST.

The second line consists of N space-separated integers, representing the values of the nodes to insert into the BST.

*Output Format*

The output prints the maximum value in the BST.

Refer to the sample output for formatting specifications.

*Sample Test Case*

Input: 5
10 5 15 2 7
Output: 15

*Answer*

-

*Status :* Skipped                                    *Marks : 0/10*